



Unit Movement
Data and
Documentation

612-204-03

UMODPC

612-204-03



Unit Movement Data Defined



- UMD - "A unit equipment / supply listing containing corresponding transportability data."
- "Tailored UMD has been modified to reflect a specific movement requirement."





UMD-General



- UMD - The information of record for planning & executing movement of Army units (AC & RC)
- All units responsible for updating UMD & ensuring data is maintained accurately & reported to FORSCOM
- Supporting Installations & Mobilization Stations support units for UMD update and reporting



Automated Equipment List (AUEL)



- AUEL - Most commonly used UMD report
- Contains detail & summary listing of unit's UMD
 - Detail listing: reflects individual pieces of unit equipment, dimensional characteristics, mode of transportation & square footage
 - Summary listing: information by mode of transportation, tonnage / sqft of equipment reported & total movement requirements



Deployment Equipment List (DEL)



- DEL - An AUEL tailored to reflect actual equipment
- DEL must be developed to show actual movement requirements





FORSCOM/ARNG Regulation 55,2, Data Reference Tables



- Reference:
FORSCOM/ARNG Reg. 55-2,
Chapter 4, (Fig 4-2 & 4-4)
- Data Reference Tables for Detail & Summary
AUEL reports
- Explains key data elements





FORSCOM/ARNG Reg 55-2 Tables 5-1 to 5-6



- Tables 5-1 to 5-6 (pages 49-54)
 - Provide codes extracted from MILSTAMP manual
 - Codes include: Water Commodity; Type Cargo; Special Handling; Mode to POE; Type Pack, and Type Equipment.
 - Codes used in TB 55-46-1 & AUEL reports



TC-ACCIS



- Transportation Coordinator-Automated Command & Control Information System
- Automated system used by units and installations for updating & maintaining UMD



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Computerized Movement Planning and Status System (COMPASS)



- FORSCOM's information system & database
- Provides accurate & timely UMD to DOD, JCS, HQDA, Army installations & units
- Database supports planning & execution
- TC-ACCIS is source of UMD submission into COMPASS



UMD Update & Maintenance Requirements



- FORSCOM requirements dictate that UMD be maintained current & accurate at all times
- Requires UMD to be validated at least annually by all units & updated whenever a *significant change* in transportation requirements occurs



Significant Transportation Requirement Change



- Significant transportation change: Any increase or decrease in unit movement requirements that results in:
 - Addition or subtraction of one or more rail cars, semi-trailers, trucks, passenger conveyances (buses)
 - Requires the allocation of more (or less) aircraft or ship deck space



No Change Reports



- A “No Change” report must be submitted by units with no changes to report for update period
- UMC processes the “No Change” report with other units’ updates

Date 13/01

TC- ACCIS - Equipment List

PCN FICEUROI

Time: 12:42 PM

AUEL REPORT - UNIT EQUIPMENT LIST

Page 8

Date: 10/01

TC- ACCIS - Equipment List

PCN FICEUROI

Time: 12:41 PM

AUEL REPORT - UNIT EQUIPMENT LIST

Page: 9

UOC: WPSFAA	TYPE/ DATA ID	UNIT NAME: 316 TC CO CARGO TRANSFER	STATION: FORT STORY	STATE: VA	PLANNED			ACTUAL		
					ITEM NUMBER	DESCRIPTION	INCHES	ITEM WT.	LOADED WEIGHT	ITEM PK.
30073	00	W78816 18 1840	102.0	94.0	135	1021	42168	42168	42168	VE 888
		EQUIPMENT DEC: TRACTOR/IRAC LS CED				MODEL:	DFW/ROPS BUMPER NUMBER: C10			
		VEHICLE MATCH ISUIN:				BUMPER NUMBER:				
30074	00	W78816 10 1840	102.0	94.0	135	1021	42168	42168	42168	VE 888
		EQUIPMENT DEC: TRACTOR/IRAC LS CED				MODEL:	DFW/ROPS BUMPER NUMBER: D10			
		VEHICLE MATCH ISUIN:				BUMPER NUMBER:				
30001	00	G11986 01 500	32.0	96.0	12	34	825	825	825	PC 700
		EQUIPMENT DEC: GEN SETDED SHD MTD				MODEL:	MSP-802A	BUMPER NUMBER:	AG-1	
		VEHICLE MATCH ISUIN:				BUMPER NUMBER:				
30002	00	G11986 01 500	32.0	96.0	12	34	825	825	825	PC 700
		EQUIPMENT DEC: GEN SETDED SHD MTD				MODEL:	MSP-802A	BUMPER NUMBER:	BG-1	
		VEHICLE MATCH ISUIN:				BUMPER NUMBER:				
30003	00	G11986 01 500	32.0	96.0	12	34	825	825	825	PC 700
		EQUIPMENT DEC: GEN SETDED SHD MTD				MODEL:	MSP-802A	BUMPER NUMBER:	CG-1	
		VEHICLE MATCH ISUIN:				BUMPER NUMBER:				
30004	00	G11986 01 500	32.0	96.0	12	34	825	825	825	PC 700
		EQUIPMENT DEC: GEN SETDED SHD MTD				MODEL:	MSP-802A	BUMPER NUMBER:	DG-1	
		VEHICLE MATCH ISUIN:				BUMPER NUMBER:				
30005	00	G74711 01 620	32.0	97.0	14	43	1250	1250	1250	PC 700
		EQUIPMENT DEC: GEN SETDED SHD MTD				MODEL:	MSP-802A	BUMPER NUMBER:	AG-2	
		VEHICLE MATCH ISUIN:				BUMPER NUMBER:				

FT	ITEM WT. IN LBS.	PLANNED LOADED		ACTUAL LOADED		TP PK	WOC	T	S	M	WA	CGO CAT	S-TON	M-TON
		C	H	P	IV			C	C	E	ER			
	42169	42169	42169	VE	885	Z	9	1	A2DC	21.1	26			
IER:	D7F WIROPS	BUMPER NUMBER: C 10							SERIAL NUMBER:				3332	
	42169	42169	42169	VE	885	Z	9	1	A2DC	21.1	26			
IER:	D7F WIROPS	BUMPER NUMBER: D 10							SERIAL NUMBER:				3334	
	825	825	825	PC	700	Z	9	1	J3BA	1	1			
IER:	MEP-802A	BUMPER NUMBER: AG 1							SERIAL NUMBER:				3335	
	825	825	825	PC	700	Z	9	1	J3BA	1	1			
IER:	MEP-802A	BUMPER NUMBER: BG 1							SERIAL NUMBER:				3336	
	825	825	825	PC	700	Z	9	1	J3BA	1	1			
IER:	MEP-802A	BUMPER NUMBER: CG 1							SERIAL NUMBER:				3337	

FT	ITEM WT. IN LBS.	PLANNED LOADED WEIGHT	ACTUAL LOADED WEIGHT	TP PK	T S M WA C H P IV CGO						
					VCC	C	C	E	ER	CAT	S-TON
	42169	42169	42169	VE	885	Z	9	1	A2DC	21.1	26
IER:	D7F WIROPS BUMPER NUMBER: C 10 SERIAL NUMBER: 3332										
	42169	42169	42169	VE	885	Z	9	1	A2DC	21.1	26
IER:	D7F WIROPS BUMPER NUMBER: D 10 SERIAL NUMBER: 3334										
	825	825	825	PC	700	Z	9	1	J3BA	1	1
IER:	MEP-802A BUMPER NUMBER: AG 1 SERIAL NUMBER: 3335										
	825	825	825	PC	700	Z	9	1	J3BA	1	1
IER:	MEP-802A BUMPER NUMBER: BG 1 SERIAL NUMBER: 3336										
	825	825	825	PC	700	Z	9	1	J3BA	1	1
IER:	MEP-802A BUMPER NUMBER: CG 1 SERIAL NUMBER: 3337										

FT	ITEM WT. IN LBS.	PLANNED LOADED WEIGHT	ACTUAL LOADED WEIGHT	TP PK	WCC	S	M	WA	CGO	CAT	S-TON	M-TON
						C	H	P				
	42169	42169	42169	VE	885	Z	9	1	A2DC	21.1	26	
SER:	D7F WROPS	BUMPER NUMBER: C 10							SERIAL NUMBER:	3332		
	42169	42169	42169	VE	885	Z	9	1	A2DC	21.1	26	
SER:	D7F WROPS	BUMPER NUMBER: D 10							SERIAL NUMBER:	3334		
	825	825	825	PC	700	Z	9	1	J3BA	1	1	
SER:	MEP-802A	BUMPER NUMBER: AG 1							SERIAL NUMBER:	3335		
	825	825	825	PC	700	Z	9	1	J3BA	1	1	
SER:	MEP-802A	BUMPER NUMBER: BG 1							SERIAL NUMBER:	3336		
	825	825	825	PC	700	Z	9	1	J3BA	1	1	
SER:	MEP-802A	BUMPER NUMBER: CG 1							SERIAL NUMBER:	3337		

FT	ITEM WT. IN LBS.	PLANNED LOADED WEIGHT	ACTUAL LOADED WEIGHT	TP PK	T S M WA C H P IV CGO						
					WCC	C C E	ER	CAT	S-TON	M-TON	
	42169	42169	42169	VE	885	Z	9	1	A2DC	21.1	26
IER:	D7F W/ROPS BUMPER NUMBER: C10				SERIAL NUMBER: 3332						
	42169	42169	42169	VE	885	Z	9	1	A2DC	21.1	26
IER:	D7F W/ROPS BUMPER NUMBER: D10				SERIAL NUMBER: 3334						
	825	825	825	PC	700	Z	9	1	J3BA	1	1
IER:	MEP-802A BUMPER NUMBER: AG1				SERIAL NUMBER: 3335						
	825	825	825	PC	700	Z	9	1	J3BA	1	1
IER:	MEP-802A BUMPER NUMBER: BG1				SERIAL NUMBER: 3336						
	825	825	825	PC	700	Z	9	1	J3BA	1	1
IER:	MEP-802A BUMPER NUMBER: CG1				SERIAL NUMBER: 3337						



AUEL and FR 55-2 (Cont)



- Table 5-6: Type Equipment Codes (TE)
 - Identifies the type of equipment being moved
 - Example: Code 4 identifies Vehicles,
wheeled (self propelled) > 2-1/2 Ton
 - Example: D indicates Tank Combat
 - Example: P indicates Other Hazardous Items

Date: 10/01

TC- ACCIS - Equipment List

PCN FICEURO1

Time: 12:41 PM

AUEL REPORT - UNIT EQUIPMENT LIST

Page: 9

UOC: 1995PAK	TYPE/ DATA ID	UNIT NAME	3:16 TC CO CARGO TRANSFER						STATION	FORT STORY	STATE	VA
			SHIPMENT	INCHES	ITEM WT.	PLANNED	ACTUAL	ITEM WT.	PLANNED	LOADED	WEIGHT	PK
UNIT NUMBER	ECNUK UN-INDEX	LENGTH	WIDTH	HEIGHT	SOFT	CUBE FT	IN LBS.	LOADED	LOADED	WEIGHT	PK	WCC
30073	00 W76816 18	184.0	102.0	94.0	125	1021	42168	42168	42168	VE	888	
EQUIPMENT DEC: TRACTOR/IRAC LS CED							MODEL	D7W4R05	BUMPER NUMBER: C10			
VEHICLE MATCH ISUN:							BUMPER NUMBER:					
30074	00 W76816 18	184.0	102.0	94.0	125	1021	42168	42168	42168	VE	888	
EQUIPMENT DEC: TRACTOR/IRAC LS CED							MODEL	D7W4R05	BUMPER NUMBER: D10			
VEHICLE MATCH ISUN:							BUMPER NUMBER:					
30081	00 G11986 01	500	32.0	96.0	12	34	825	825	825	PC	700	
EQUIPMENT DEC: GEN SET DED SHD MTD							MODEL	MSP-802A	BUMPER NUMBER: AG-1			
VEHICLE MATCH ISUN:							BUMPER NUMBER:					
30084	00 G11986 01	200	32.0	96.0	12	34	825	825	825	PC	700	
EQUIPMENT DEC: GEN SET DED SHD MTD							MODEL	MSP-802A	BUMPER NUMBER: BG-1			
VEHICLE MATCH ISUN:							BUMPER NUMBER:					
30093	00 G11986 01	300	32.0	96.0	12	34	825	825	825	PC	700	
EQUIPMENT DEC: GEN SET DED SHD MTD							MODEL	MSP-802A	BUMPER NUMBER: CG-1			
VEHICLE MATCH ISUN:							BUMPER NUMBER:					
30084	00 G11986 01	500	32.0	96.0	12	34	825	825	825	PC	700	
EQUIPMENT DEC: GEN SET DED SHD MTD							MODEL	MSP-802A	BUMPER NUMBER: DG-1			
VEHICLE MATCH ISUN:							BUMPER NUMBER:					
30085	00 G74711 01	620	32.0	97.0	14	43	1250	1250	1250	PC	700	
EQUIPMENT DEC: GEN SET DED SHD MTD							MODEL	MSP-802A	BUMPER NUMBER: AG-2			
VEHICLE MATCH ISUN:							BUMPER NUMBER:					

FT	ITEM WT. IN LBS.	PLANNED		ACTUAL		TR PK	WCC	T	S	M	WA	CGO CAT	S-TON	M-TON
		LOADED	WEIGHT	LOADED	WEIGHT			C	H	P	IV			
	42169	42169	42169	42169	42169	VE		Z	9	1		A2DC	21.1	26
IER:		D7F WROPS	BUMPER NUMBER: C 10									SERIAL NUMBER:		3332
	42169	42169	42169	42169	42169	VE		Z	9	1		A2DC	21.1	26
IER:		D7F WROPS	BUMPER NUMBER: D 10									SERIAL NUMBER:		3334
	825	825	825	825	825	PC	700	Z	9	1		J3BA	1	1
IER:		MEP-802A	BUMPER NUMBER: AG 1									SERIAL NUMBER:		3335
	825	825	825	825	825	PC	700	Z	9	1		J3BA	1	1
IER:		MEP-802A	BUMPER NUMBER: BG 1									SERIAL NUMBER:		3336
	825	825	825	825	825	PC	700	Z	9	1		J3BA	1	1
IER:		MEP-802A	BUMPER NUMBER: CG 1									SERIAL NUMBER:		3337

FT	ITEM WT. IN LBS.	PLANNED LOADED WEIGHT	ACTUAL LOADED WEIGHT	TP PK	T S M WA C H P IV CGO						
					WCC	C C E	ER	CAT	S-TON	M-TON	
	42169	42169	42169	985	Z	9	1	A2DC	21.1	26	
IER:	D7F W/ROPS BUMPER NUMBER: C 10 SERIAL NUMBER: 3332										
	42169	42169	42169	985	Z	9	1	A2DC	21.1	26	
IER:	D7F W/ROPS BUMPER NUMBER: D 10 SERIAL NUMBER: 3334										
	825	825	825	PC	700	Z	9	1	J3BA	1	1
IER:	MEP-802A BUMPER NUMBER: AG 1 SERIAL NUMBER: 3335										
	825	825	825	PC	700	Z	9	1	J3BA	1	1
IER:	MEP-802A BUMPER NUMBER: BG 1 SERIAL NUMBER: 3336										
	825	825	825	PC	700	Z	9	1	J3BA	1	1
IER:	MEP-802A BUMPER NUMBER: CG 1 SERIAL NUMBER: 3337										



**TB 55-46-1 Standard
Characteristics for
Transportability of Military
Vehicles and Other
Outsized/Overweight
Equipment**



TB 55-46-1 Familiarization



- Provides dimensions, weight & cube for:
 - Military vehicles
 - Vehicle-mounted equipment
 - Outsize/overweight equipment
- Organizations use data as standard reference in developing/reporting movement requirements
- Information for planning purposes only, units must report actual dimensions & weight



TB 55-46-1 Familiarization (Cont)



- TB 55-46-1 lists outsized / overweight equipment having dimensions or weight equal to or exceeding:
 - + 104 inches long + 84 inches wide
 - + 50 inches high + 5000 pounds or more
- Data for other equipment is listed in TB 55-46-2 which is issued on microfiche by MTMCTEA
- TB 55-46-1 contains 3 Chapters, 4 Appendixes



TB 55-46-1 Familiarization (Cont)



- TB 55-46-1 lists outsized / overweight equipment having dimensions or weight equal to or exceeding:
 - + 104 inches long + 84 inches wide
 - + 50 inches high + 5000 pounds or more
- Data for other equipment is listed in TB 55-46-2 which is issued on microfiche by MTMCTEA
- TB 55-46-1 contains 3 Chapters, 4 Appendixes



TB 55-46-1 Familiarization (Cont)



- Several ways to enter and retrieve data
 - Table of Contents
 - If TOE LIN is known, go to Chapter 3
 - Use cross reference in Appendix A & B
 - + Appendix A crosses NSN to TOE LIN
 - + Appendix B crosses model description to TOE LIN



TB 55-46-1 Chapter 1



- Chapter one contains:
 - What is covered by TB
 - Important definitions
 - Data specifications
 - UMD Reporting procedures using TB



Definitions



- TOE:
 - Army Table of Organization & Equipment

- LIN:
 - Army: Line Item Number is six character alpha-numeric identifier used to describe NSN items



Definitions (Cont)



- NSN: A 13-digit number assigned by the Defense Logistics Service Center

FSC	NIIN
XXXX	000000000

- The FSC is Federal Supply Classification code
- The NIIN fixes the identity of the particular supply item



Definitions (Cont)



- Set: A group of major end-items consisting of more than one vehicle
 - Sets are assigned specific nomenclature & identified by LIN & NSN. Referred to as "preferred" primary LIN for set
 - Each major item in set is secondary & has own LIN (Secondary LIN and NSN)



SET



TOE LIN (INDEX) NO	NATL STOCK NO. (SET) (TOE LIN)	C O M P	V E H I C L E	T Y P E E Q U I P	LIN DESCRIPTION (MODEL) COMPO DESCRIPTION
R92962	(SET)				RADIO TERMINAL SET
PV 07	5810010993578				AN/TRC15BV2
R92962	(SET)				RADIO TERMINAL SET
01	5820004515590			U	AN/TRC15BV2
V 02	5820004515590	A		U	ANTENNAS .
V 03	5820004515590	A		U	CABLE & REEL .



Definitions (Cont)



- Vehicle: Term including trucks, trailers, semi-trailers, amphibious & tracked vehicles, tanks, artillery (self-propelled & towed), floating craft (self-propelled & towed), rail cars, locomotives, aircraft (including helicopters) & wheel or track-mounted equipment



Chapter 2-3 Data Specifications



- Dimensions:
 - Length: Horizontal dimension measured from end to end. Rounded up to next inch
 - Width: Horizontal dimension measured from side to side. Rounded up to next inch
 - Height: Vertical dimension measured from ground level to highest reference point
 - Weight: Amount item weighs in pounds



Chapter 2 Tables

2-1 to 2-5



- Tables 2-1 to 2-5 contain information on transportability of equipment by aircraft
 - Tables 2-1 & 2-2 contain information on cargo dimensions of various aircraft
 - Table 2-3 contains information on 463L pallets for CRAF aircraft
 - Table 2-4 & 2-5 contain the Cargo Category Codes and Heavy Lift dimensional codes



Chapter 2 Tables

2-6 – 2-14



- Tables 2-6 to 2-14 :
 - Contain dimensions & cargo-loading capacity of military & commercial general-purpose cargo trucks, dump trucks, trailers, semi-trailers, amphibious vehicles, landing craft & Army aircraft including:
 - + Cargo deck dimensions
 - + Loading height of cargo bodies



Chapter 2 Tables

2-15 to 2-24



- Contains wheel base information
 - Primarily used by upper level planners
 - Seldom used at unit level



Chapter 3- Equipment Characteristics Data



- Contains Equipment Characteristics Data
- Starts with detailed explanation of column headings
 - 11 columns of data
- Column One: TOE LIN --Table of Organization & Equipment Line Item Number
- Constitutes basic COMPASS UMD data element



Chapter 3 Column 1



- Column 1:

- TOE LIN number (Army)
- TOE LIN Navy
- TOE LIN Air Force
- TOE LIN Specific (AALPS)
- TOE LIN Fictitious

TOE LIN (INDEX)
NO
T61494
CB0360
AF2955
YU286
YA0189



Chapter 3 Column 1 (Cont)



- Column 1 (Cont):
 - TOE LIN number
 - "PV" - Preferred Model & Validated Data Codes
 - "V" - Validated Data

TOE LIN (INDEX)	
NO	
	T61494
PV	01
V	02
V	03
PV	04

See T61494 pg 3-326



Chapter 3 Column 1 (Cont)



- Column 1 (Cont):

- Index No: Identifies NSN &/or shipping configuration

TOE LIN (INDEX)	NO
T61494	
PY	01
V	02
V	03
PV	04



Chapter 3 Column 2



- Column 2:
- NSN. Identifies a specific model of equipment within a LIN

NATL STOCK NO. (SET) (TOE LIN)	C O M P
2320011077155	

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See T61494 pg 3-326

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Chapter 3 Column 2 (Cont)



- Column 2 (Cont):
- (SET) Identifies specific model in set or group
- Use TOE LIN associated with (SET) for reporting

NATL STOCK NO. (SET) (TOE LIN)	C O M P
(SET) 5810010993578	

See R92962 on pg 3-256



Chapter 3 Column 3



- Column 3: Component.
Alphabetic suffix code added
to NSN to identify a
disassembled component

DONT USE THIS TOE LIN FOR
REPORTING PURPOSES

See R92962 on pg 3-256

NATL STOCK NO. (SET) (TOE LIN)	C O M P
5820004515590	A



Chapter 3 Column 4



- Column 4: Vehicle. Alphabetic code "N" or "R" indicates whether vehicle is roadable or non-roadable

VEHICLE	TYPE	EQPT
R	3	

See T61494 pg 3-326



Chapter 3 Column 5



- Column 5: Type Equipment. Numeric code (see page 3-1) applied to each vehicle or equipment data listing to enable automated identification & retrieval of selected data categories
(Example: 1 = 1/2 ton or less wheeled, self-propelled vehicle)

V	T
E	Y
H	P
I	E
C	Q
L	P
E	T

R 3

See T61494 pg 3-326



Chapter 3 Column 6



- Column 6:
 - LIN Description:
Generic nomenclature assigned a LIN
 - Model: Description for an NSN

<-- LIN DESCRIPTION -->
<-- MODEL -->
(- COMPO DESCRIPTION -)

TRK UTIL CRG/TRP CARR
M988
M988T
M988T
M988T

See T61494 pg 3-326



Chapter 3 Column 7



- Column 7: Shipping Configuration:
 - "B": Operational
 - See para 3-1, subpara i, for complete list of codes. Example: "B" applies to vehicles in mission configuration with all component equipment assemblies in place.

S
H
I
P
C
O
N
F
B

See T61494 pg 3-326



Chapter 3 Column 8



- Column 8: Number of Pieces. Data indicates the no. of identical items applied to a disassembled component description & the related dimensions & weight
 - total quantity of a disassembled component = number of pieces multiplied by the quantity of the major end-items

NO. PCS
0



Chapter 3 Column 9



- Column 9:
Dimensions,
Weight & Cube
for one item as
described by
Model or
Component &
Shipping
Configuration

< ----- FOR ONE ITEM ----->				
DIMENSIONS	WEIGHT	CUBE		
<-- INCHES -->	(LB)	(CU FT)		
LENGTH	WIDTH	HEIGHT		
<----- REMARKS ----->				
187	986	74	5280	769



Chapter 3 Column 9 (Cont)



- Column 9:
Dimensions,
Weight & Cube
for one item as
described by
Model or
Component &
Shipping
Configuration

<----- FOR ONE ITEM ----->		
DIMENSIONS	WEIGHT	CUBE
<- INCHES -->	(LB)	(CU FT)
LENGTH	WIDTH	HEIGHT
<----- REMARKS ----->		
187	986	74
5280	769	



Chapter 3 Column 10



- Column 10: Cargo Vehicle Load Limits - Weight, Height & Cube

CGO VEH	LD LIMITS	WEIGHT
HGT	CUBE	LIN
TOE	(INDEX NO)	
	2500	
260		94

- Weight → 2500
- Height → 260
- Cube → 94

See T61494 pg 3-326



Chapter 3 Column 11



- Column 11(Cont):
Cargo Load Indicator.
- AMC (left to right):
C-130, C-141,
C-17, C-5,
KC-10, & KC-135

See T61494 pg 3-326

< C=AF CERTIFIED >
< X= JCS CRITERIA>
< ----- CGO LOAD IND ----->
<AMC> <CRAF>
CCCKK DDBB CTN CTN 4 CCCH
1115CC CC77 20 40 6
347 11 8144 FT FT 3
01 03 077 L
5 SN

Indicator:
C or X or **none**

cccc **_** CCC N N N R2DA



Chapter 3 Column 11 (Cont)



- Column 11(Cont):
Cargo Load Indicator.
- CRAF (left to right):

DC-8, DC-10,
B-747S & B-747N

Indicator:
C or X or **none**

[See T61494 pg 3-326]

< C=AF CERTIFIED >
< X= JCS CRITERIA>
< ----- CGO LOAD IND ----->
<AMC> <CRAF>
CCCKK DDBB CTN CTN 4 CCCH
1115CC CC77 20 40 6
347 11 8144 FT FT 3
01 03 077 L
5 SN

CGCC CCC N N N R2DA

Chapter 3 Column 11 (Cont)



- Column 11(Cont):
Cargo Load Indicator.
 - CTN:
20-ft (containers)

[See T61494 pg 3-326]

< C=AF CERTIFIED >		< X= JCS CRITERIA>		< ----- CGO LOAD IND ----->		<AMC > <CRAF>	
CCCC	DDBB	CTN	CTN	4	CCCH		
1115CC	CC77	20	40	6			
347	11	8144	FT	FT	3		
01	03	077			L		
	5	SN					
CCCC	CC	N	N	N	R2DA		

Indicator:

Y = Fits

N = Not Fit



Chapter 3 Column 11 (Cont)



- Column 11(Cont):
Cargo Load Indicator.
 - CTN:
40-ft (containers)

[See T61494 pg 3-326]

< C=AF CERTIFIED >						
< X= JCS CRITERIA>						
<----- CGO LOAD IND ----->						
<AMC><CRAF>						
CCCC	DDBB	CTN	CTN	4	CCCH	
1115CC	CC77	20	40	6		
347	11	8144	FT	FT	3	
01	03	077			L	
5		SN				

CCCC	CC	N	N	N	R2DA	

Indicator:

Y = Fits

N = Not Fit



Chapter 3 Column 11 (Cont)

- Column 11(Cont):
Cargo Load Indicator.
 - 463L (pallet)

[See T61494 pg 3-326]

< C=AF CERTIFIED >									
< X= JCS CRITERIA>									
<----- CGO LOAD IND ----->									
<AMC><CRAF>									
KKKK	DDBB	CTN	CTN	4	CCCH				
1115CC	CC77	20	6						
347	11	8144	FT	FT	3				
01	03	077			L				
	5	SN							
CCCC	CC	N			N R2DA				

Indicator:

Y = Fits

N = Not Fit



Chapter 3 Column 11 (Cont)



- Column 11(Cont):
Cargo Load Indicator.
 - Cargo Category
Codes

[See T61494 pg 3-326]

< C=AF CERTIFIED >									
< X=JCS CRITERIA>									
< ----- CGO LOAD IND ----- >									
<AMC><CRAF>									
CCCCKK	DDBB	CTN	CTN	4	CCCH				
11115CC	CC77	20	40	6					
347	11	8144	FT	FT					
01	03	077			L				
	5	SN							
CCC	CCC	N	N	N	R2DA				



Chapter 3 Column 11 (Cont)



- Column 11(Cont):
Cargo Load Indicator.
 - Cargo Category
Codes
- C(1): Type
Equipment

[See T61494 pg 3-326]

< C=AF CERTIFIED >									
< X=JCS CRITERIA>									
<----- CGO LOAD IND ----->									
<AMC><CRAF>									
CCCCKK	DDBB	CTN	CTN	4	CCC				
11115CC	CC77	20	40	6					
347	11	8144	FT	FT	3				
01	03	077							
		S	SN						
CCC	CCC	N	N	N	R2DA				



Chapter 3 Column 11 (Cont)



- Column 11(Cont):
Cargo Load Indicator.
 - Cargo Category
Codes

C(2): Indicates
air transportable

[See T61494 pg 3-326]

< C=AF CERTIFIED >						
< X=JCS CRITERIA>						
<----- CGO LOAD IND ----->						
<AMC > <CRAF>						
CCCCKK	DDBB	CTN	CTN	4	CCCH	
11115CC	CC77	20	40	6		
JAT	17	6144	FT	FT		
01	03	077		L		
5		SN				
CCC	CCC	N	N	N	P2DA	



Chapter 3 Column 11 (Cont)



- Column 11(Cont):
Cargo Load Indicator.
 - Cargo Category
Codes

C(3): Can / Can not
be containerized

[See T61494 pg 3-326]

< C=AF CERTIFIED >									
< X=JCS CRITERIA>									
<----- CGO LOAD IND ----->									
<AMC><CRAF>									
CCCC	KK	DDBB	CTN	CTN	4	CCCH			
1111	CC	CC77	20	40	6				
01	03	077				L			
5		SN							
CCC	CCC	N	N	N	R2DA				



Chapter 3
Column 11 (Cont)

- Column 11(Cont):
Cargo Load Indicator.
 - Cargo Category
Codes

H: Heavy lift & dimension < 35'

See T61494 pg 3-326

< C=AF CERTIFIED >
< X=JCS CRITERIA>
<----- CGO LOAD IND ----->
<AMC><CRAE>

CCCCKK DDBB CTN CTN 4 CCCH
 1115CC CC77 20 40 6
 347 11 6144 FT FT 3
 01 03 077 L
 5 SN

CCC CCC N N N B2D A



Chapter 3 Column 11 (Cont)



- What did our code of “R2DA” mean?
 - First:
 - Second:
 - Third:
 - Finally:



Chapter 3 Column 11 (Cont)



- What did our CCCH code of "R2DA" mean?
 - First: wheeled vehicle, roadable
 - Second: oversized exceeding 463L pallet size
 - Third: cannot be containerized / too wide
 - Fourth: under 5 tons - smaller than 35' in any direction



Chapter 3 Column 11 (Cont)



- What did our CCCH code of "R2DA" mean?
 - First: wheeled vehicle, roadable
 - Second: oversized exceeding 463L pallet size
 - Third: cannot be containerized / too wide
 - Fourth: under 5 tons - smaller than 35' in any direction



Appendix A—Cross Reference



- Appendix A:
 - Cross from NSN to TOE LIN
- First column is NSN - listed in ascending sequence
- Second Column is TOE LIN

NSN	TOE LIN
2320010907797	CB0730
2320010907828	X61655
2320010907831	X42064
~~~~~	~~~~~



## Appendix A—Cross Reference (Cont)



- Two listings for NSN 232001107715
- First is CB0360
  - What does TOE LIN tell you?
- Next TOE LIN is our vehicle

NSN	TOE LIN
2320010907797	CB0730
2320010907828	X61655
2320010907831	X42064
2320011016752	CB0644
2320011077153	T05096
2320011077155	CB0360
2320011077155	T61494
2320011077156	T61562



## Appendix B—Cross Reference



- Appendix B:
- Cross from equipment model number to the TOE LIN
- Contains more information than Appendix A
  - Provides item description, the shipping configuration, the cargo group code, the length, width and the empty and loaded height and weights.



## Appendix B– Cross Reference (Cont)



MODEL	DESCRIPTION	LIN - INDEX
M983 WWN	TRUCK TRACTOR TACT8X8	T88677 02
M983 WWN	TRUCK TRACTOR TACT8X8	T88677 16
M983/M901	TRK TRAC/LCHR STA GM	YA0228 01
M997A1	TRK AMB 4 LITTER 4X4	T38844 14
M998	TRK UTIL CRG/TRP CARR	T61494 01
M998	TRK UTIL CRG/TRP CARR	T61494 04
M998	TRK UTIL CRG/TRP CARR	T61494 15



## UMD Reporting Procedures



- TB 55-46-1, equipment characteristics data listings are designed to facilitate preparation of UMD reports
- Data reflects specified shipping configurations
  - Use only for planning purposes
- FORSCOM/ARNG Reg 55-2 requires use of TC-ACCIS for reporting UMD to FORSCOM



## UMD Reporting Procedures (Cont)



- Use of LIN & INDEX NO: When combined & properly reported, the computer generates data listed to the right of the INDEX NO. (in TC-ACCIS) for printing on the AUEL / DEL listing
- Errors in reporting either data element will result in computer application of erroneous (BAD) data



## TB 55-46-1 Review Q1



Find the cargo deck length and width for a M923 cargo truck?

168.0 inches X 88.0 inches.



## TB 55-46-1 Review Q2



Can a M105 trailer (Index 18) be containerized and why?

No. It is too high for the container in this configuration.



## TB 55-46-1 Review Q3



Can NSN 2320010284395 be airlifted and if so, in what aircraft?

Crosses to M915, Truck Tractor 6X4. Yes, C17 and C5